

Iowa Crops & Weather



USDA – National Agricultural Statistical Service
Iowa Field Office

210 Walnut, Room 833 • Des Moines, Iowa 50309-2195
515-284-4340 • 1-800-772-0825 • FAX 515-284-4342 • nass-ia@nass.usda.gov
To access NASS reports – <http://www.usda.gov/nass/>



Issued September 17, 2007

Vol 07-29

For the week ending September 16, 2007

FROST

Agricultural Summary: The first frost of the season hit the state, with some areas colder than others. Most crops were mature enough not to be affected by the frost, but soybeans planted late in the season had leaves nipped. Corn silage and third alfalfa crop harvest is finishing up. Corn reels are being used to harvest downed corn. Harvest is expected to be in full swing this coming week. Insect pressure lessened with the frost.

There were 5.7 days suitable for fieldwork, compared to 4.0 days a year ago. Topsoil moisture rated zero percent very short, 4 percent short, 89 percent adequate, and 7 percent surplus across the state. Subsoil moisture rated 1 percent very short, 5 percent short, 83 percent adequate, and 11 percent surplus.

Field Crops Report: Sixty-nine percent of the corn has reached maturity, ahead of both last year's 54 percent and the five-year average of 51 percent. Statewide, the percent moisture of corn in the field is 28 percent. The percent moisture of corn currently being harvested is 23 percent. Corn condition rated 2 percent very poor, 6 percent poor, 20 percent fair, 52 percent good, and 20 percent excellent. Eighty-six percent of the soybeans have leaves turning color, 2 percentage points behind both last year's percentage and the five-year average of 88 percent. Soybeans dropping leaves is at 54 percent, 2 percentage points ahead of last year and 1 percentage point ahead of the five-year average. Soybean condition rated 1 percent very poor, 5 percent poor, 20 percent fair, 54 percent good, and 20 percent excellent. Third cutting of alfalfa is 93 percent complete, behind last year's 97 percent and 2 percentage points behind the five-year average. All hay condition rated 2 percent very poor, 8 percent poor, 30 percent fair, 51 percent good, and 9 percent excellent.

Statewide Crop Conditions as of September 16, 2007

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	2	6	20	52	20
Hay, all	2	8	30	51	9
Range & Pasture	1	6	27	53	13
Soybeans	1	5	20	54	20

Statewide Harvesting Conditions as of September 16, 2007

Item	None	Light	Moderate	Heavy
	Percent	Percent	Percent	Percent
Corn lodging	58	27	10	5
Corn ear droppage	79	16	4	1

Livestock and Pasture Report: Pasture condition rated 1 percent very poor, 6 percent poor, 27 percent fair, 53 percent good, and 13 percent excellent.

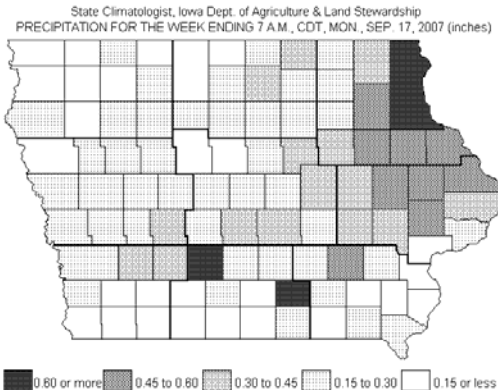
IOWA PRELIMINARY WEATHER SUMMARY

Provided by State Climatologist Harry Hillaker

Much cooler and drier weather affected Iowa over the past week. Temperatures dipped into the 30's over about the northeast two-thirds of the state on Wednesday (12th) morning with 30's or lower statewide on Saturday (15th) morning. Freezing weather affected 56% of the state Saturday morning with the lowest official temperatures being 28 degree readings at Spencer, Mason City, Estherville and Elkader. This was the most widespread freeze in Iowa for so early in the fall season since September 12-13, 1902. Temperatures were well below normal for most of the week with the exception of Thursday (13th) and Sunday (16th) when readings were near normal. Bloomfield reported the highest temperature of the week with an afternoon high of 86 degrees on Thursday. Temperatures for the week as a whole averaged 8.5 degrees below normal. The work week began with light rain falling statewide on Monday (10th). Otherwise there was no rain of consequence until late Saturday (15th) when showers and thunderstorms moved across the southwest one-half of the state. Weekly precipitation totals varied from only 0.01 inches at Rock Valley to 0.95 inches at Winterset. The statewide average precipitation was 0.24 inches or about one-fourth of the weekly normal of 0.93 inches. This was Iowa's driest week in 9 weeks.

PRELIMINARY IOWA PRECIPITATION

Provided by Harry Hillaker, State Climatologist



Field Work and Crop Progress as of September 16, 2007

Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent				
Corn mature (safe from frost)	76	79	61	63	68	73	65	42	75	69	41	54	51
Soybean leaves turning color	94	99	93	81	87	89	81	50	75	86	62	88	88
Soybeans dropping leaves	64	88	72	46	52	54	24	16	40	54	25	52	53
Hay, alfalfa - third crop harvested	100	100	90	94	93	95	91	91	94	93	85	97	95

Days Suitable & Soil Moisture Condition as of September 16, 2007

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
Days suitable	5.2	5.6	5.8	5.3	5.6	6.0	5.5	6.4	6.4	5.7	5.1	4.0
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Topsoil moisture												
Very short	0	0	0	1	0	0	0	2	1	0	0	1
Short	2	3	4	5	3	2	6	4	12	4	3	8
Adequate	94	95	86	84	80	94	91	89	83	89	79	77
Surplus	4	2	10	10	17	4	3	5	4	7	18	14
Subsoil moisture												
Very short	0	0	0	2	0	1	0	3	1	1	0	4
Short	6	2	0	8	2	1	7	6	11	5	4	23
Adequate	88	83	85	81	72	91	90	79	81	83	82	66
Surplus	6	15	15	9	26	7	3	12	7	11	14	7

Weather Summary For Iowa Agricultural Statistics Service
Prepared by AWIS, Inc.
For the week ending: Sunday, September 16, 2007

STATION	CURRENT WEEK						SINCE APRIL 1		CURRENT WEEK	
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
	North West District									
Estherville	71	28	54	-7	0.18	-0.64	19.98	0.75	36	-37
Sioux Center	77	30	56	-8	0.31	-0.39	19.90	1.08	47	-45
Spencer	72	29	54	-9	0.30	-0.49	18.66	-1.44	36	-44
Spirit Lake	75	36	54	-7	0.18	-0.59	22.15	3.07	36	-76
North Central District										
Britt	75	31	52	-12	0.51	-0.36	27.27	6.37	24	-70
Humboldt	73	34	52	-12	0.75	-0.09	32.57	11.06	27	-59
Mason City	77	28	55	-7	0.64	-0.27	28.65	6.52	44	-35
Osage	76	32	52	-11	0.56	-0.43	24.89	2.20	26	-74
North East District										
Decorah	79	30	56	-8	0.63	-0.32	34.93	13.19	46	-45
Dubuque	78	33	55	-8	0.56	-0.59	26.16	2.66	42	-44
Elkader	82	28	53	-11	0.79	-0.08	34.17	12.62	31	-82
Fayette	79	31	53	-11	0.67	-0.24	33.71	11.09	32	-55
Waterloo	81	30	56	-8	0.48	-0.36	30.94	8.70	48	-41
West Central District										
Carroll	77	31	53	-11	0.48	-0.36	26.72	4.06	34	-57
Castana	74	34	53	-12	1.86	1.02	28.23	8.07	32	-59
Guthrie Center	78	30	55	-9	0.71	-0.20	41.16	18.80	45	-53
Harlan	76	33	54	-11	0.30	-0.85	30.96	9.21	35	-56
Jefferson	82	32	55	-9	0.48	-0.36	27.38	4.72	43	-48
Logan	75	34	55	-11	0.33	-0.58	31.65	10.78	39	-66
Rockwell City	74	33	53	-13	1.11	0.20	33.51	11.79	30	-70
Sac City	74	32	54	-10	1.33	0.42	32.76	11.43	32	-56
Sioux City	74	32	55	-10	0.97	0.27	27.57	10.01	39	-61
Central District										
Boone	80	32	54	-11	0.28	-0.58	32.60	9.71	36	-61
Des Moines	81	37	58	-9	0.52	-0.32	26.27	4.81	57	-55
Grundy Center	81	31	53	-10	0.41	-0.39	34.36	12.38	33	-49
Marshalltown	81	30	56	-8	0.33	-0.56	23.57	0.52	47	-40
Newton	82	33	55	-10	0.58	-0.40	26.27	4.36	42	-59
Perry	81	32	54	-10	0.21	-0.60	28.94	7.19	38	-53
Toledo	80	31	54	-10	0.24	-0.65	25.61	2.34	34	-55
East Central District										
Cedar Rapids	80	32	56	-9	0.36	-0.60	24.13	2.34	48	-50
Davenport	83	34	59	-8	0.22	-0.58	28.96	7.63	65	-47
Iowa City	82	35	59	-9	0.41	-0.52	24.93	1.15	65	-53
Lowden	82	29	55	-10	0.48	-0.57	26.21	2.11	40	-58
Maquoketa	81	32	55	-9	0.62	-0.40	26.21	4.19	39	-48
Muscatine	85	38	60	-7	0.16	-0.75	27.78	5.52	72	-15
South West District										
Atlantic	80	32	57	-7	0.34	-0.67	28.55	7.89	54	-40
Clarinda	82	34	55	-11	0.10	-0.96	31.74	7.24	41	-64
Glenwood	79	37	56	-11	0.32	-0.60	31.55	9.32	46	-66
Red Oak	81	37	57	-11	0.24	-0.83	34.43	10.24	49	-66
Sidney	81	39	57	-10	0.13	-0.85	28.17	5.27	51	-63
South Central District										
Allerton	82	35	58	-8	0.00	-1.12	36.97	13.88	56	-14
Beaconsfield	79	38	56	-9	0.14	-0.91	30.44	8.10	45	-58
Chariton	80	31	55	-11	0.13	-1.09	31.35	7.75	39	-64
Indianola	80	32	54	-11	0.37	-0.54	28.38	6.22	36	-65
Leon	80	33	55	-10	0.18	-0.84	32.23	8.98	42	-63
South East District										
Bloomfield	86	38	59	-9	0.05	-1.07	32.30	8.83	64	-52
Burlington	84	38	62	-5	0.12	-0.86	24.87	3.17	87	-27
Ottumwa	81	32	58	-10	0.19	-0.86	30.88	9.15	58	-56
Washington	84	32	57	-11	0.10	-0.88	34.12	12.92	53	-38

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit.
Copyright 2007: AWIS, Inc. All Rights Reserved.

PRESRT STD
POSTAGE & FEES PAID
USDA
PERMIT NO. G-38

IOWA CROPS & WEATHER IS PUBLISHED BY USDA NATIONAL
AGRICULTURAL STATISTICS SERVICE, IOWA FIELD OFFICE, 210 WALNUT
ST. RM 833, DES MOINES IA 50309. POSTMASTER, SEND ADDRESS CHANGES
TO IA CROPS & WEATHER, C/O SD AGRICULTURAL STATISTICS, PO BOX
5068 SIOUX FALLS SD 57117